

YAG- Education and Training

The Education and Training course introduces students to the dynamic world of teaching and learning. Designed for those interested in becoming future educators, coaches, counselors, or working with youth, this course explores the foundations of education, human growth and development, learning theories, instructional planning, and professional ethics.

Students will examine how teachers create positive, engaging classroom environments and how developmental stages impact learning. Through hands-on activities, classroom observations, lesson planning, and reflective projects, students gain practical experience in communication, leadership, and instructional design.

Throughout the course, students will build a professional teaching portfolio showcasing their work, explore career pathways in education, that demonstrates their knowledge and skills as future educators.

By the end of the course, students will understand the qualities of effective teachers, the importance of ethical and professional behavior, and how education plays a vital role in shaping communities and future generations.

Semester 1

Topic	Activities / Projects	TEKS Covered
Foundations of Education	- Course introduction & classroom expectations- Overview of Education & Training career cluster- Identify career roles (teachers, paraprofessionals, counselors, administrators)- Discuss purpose and impact of public education	§130.142(c)(1)(A–D), (2)(A–B)
Professional Ethics & Responsibilities	- Analyze Texas Educator Code of Ethics- Discuss professional boundaries and confidentiality- Reflect on ethical decision-making scenarios	§130.142(c)(1)(E–F), (10)(A)

Professionalism & Personal Characteristics	- Identify soft skills of educators- Complete educator self-assessment- Role-play professionalism scenarios	§130.142(c)(2)(C), (8)(A–B)
Historical & Philosophical Foundations of Education	- Explore key historical influences on U.S. education- Discuss purposes and philosophies of education- Create timeline or infographic of major milestones	§130.142(c)(1)(B), (10)(C)
Human Growth & Development	- Study developmental domains (physical, cognitive, emotional, social)- Compare stages of growth from infancy to adolescence- Analyze brain development and learning readiness	§130.142(c)(3)(A–B), (4)(A–C), (5)(B)
Cultural & Environmental Influences on Learning	- Case studies on family, culture, and environment- Group discussion on factors impacting student success	§130.142(c)(3)(B–C), (4)(B)
Learning Theories & Student Needs	- Explore behaviorism, constructivism, and cognitivism- Discuss Gardner’s Multiple Intelligences- Apply Bloom’s Taxonomy in lesson design	§130.142(c)(5)(A–C)
Diversity & Inclusion in the Classroom	- Identify special populations and support services- Design inclusion strategies for ELL and special needs students- Create “All Students Can Learn” classroom plan	§130.142(c)(3)(C–D), (6)(A–C)

Semester 2

Topic	Activities / Projects	TEKS Covered
Instructional Planning & Lesson Design	- Write measurable objectives aligned with TEKS- Create sample lesson plans- Compare instructional strategies (direct, inquiry, cooperative)- Analyze lesson alignment with Bloom's levels	§130.142(c)(5)(A–C), (7)(A)
Classroom Environment & Management	- Develop classroom routines & organization systems- Discuss motivation, engagement, and discipline strategies- Design classroom layout or management plan	§130.142(c)(6)(A–B)
Communication in Education	- Practice verbal/nonverbal communication- Role-play parent-teacher conferences- Evaluate active listening and feedback techniques	§130.142(c)(8)(A–D)
Technology Integration	- Explore instructional technology tools (Google Workspace, Canva, Nearpod, etc.)- Design a digital resource for student learning- Discuss digital citizenship and responsible use	§130.142(c)(9)(A–C)
Legal & Ethical Issues in Education	- Review FERPA, child protection laws, and mandatory reporting- Discuss copyright and fair use policies- Debate current ethical issues in education	§130.142(c)(10)(B–D)
Careers in Education	- Research career pathways within education- Identify job requirements, pay scales, and	§130.142(c)(11)(A)

advancement opportunities- Discuss local and state employment trends

Professional Documents & Interview Skills

- Write resumes, cover letters, and job applications- Conduct mock interviews- Create professional elevator pitch

§130.142(c)(11)
(B–C)

Professional Portfolio Development

- Compile course artifacts (lesson plans, reflections, projects)- Design a digital or binder-based teaching portfolio

§130.142(c)(12)
(A)

Capstone Project & Reflection

Final Project: Teaching demonstration & reflection journal
Students present their portfolio and summarize growth throughout the course

§130.142(c)(12)
(B), (7)(B)